

Docket No. 279681US0PCT



MAIL STOP PCT  
IAP7 Rec'd PCT/PTO 25 JAN 2006  
PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Luca BARBERO, et al.

SERIAL NO: 10/554,372

GAU:

FILED: October 25, 2005

EXAMINER:

FOR: BETA-AMYLOID INHIBITORS AND USE THEREOF

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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SHEET 1 OF 2

Form PTO 1449 (Modified)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 279681US0PCT	SHEET 1 OF 2 PATENT & TRADEMARK OFFICE		SERIAL NO. 10/554,372
LIST OF REFERENCES CITED BY APPLICANT			APPLICANT Luca BARBERO, et al.						
			FILING DATE October 25, 2005			GROUP			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	AA	6 399 584	06/04/02	ARPIN et al.					
	AB	6 319 498	11/20/01	FINDEIS et al.					
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION				
	AC	00/63246	10/26/00	WO	YES	NO			
	AD	01/07473	02/01/01	WO			NO		
	AE	00/29427	05/25/00	WO			NO		
	AF	02/062989	08/15/02	WO			NO		
	AG	2 829 940	03/28/03	FR			NO		
	AH	02/10195	02/07/02	WO			NO		
	AI	96/39834	12/19/96	WO			NO		
	AJ	98/38861	09/11/98	WO			NO		
	AK	01/09170	02/08/01	WO (with English abstract)			NO		
	AL	01/34631	05/17/01	WO			NO		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)									
	AM	CLELAND et al. "Emerging protein delivery methods", Current Opinion in Biotechnology, vol. 12, pages 212-219 2001							
	AN	DEROSSI et al. "The Third Helix of the Antennapedia Homedomain Translocates through Biological Membranes", The Journal of Biological Chemistry, vol. 269, no. 14, pages 10444-10450 1994							
	AO	DOUGHERTY. "Unnatural amino acids as probes of protein structure and function", Current Opinion in Chemical Biology, vol. 4, pages 645-652 2000							
	AP	GOLEBIOWSKI et al. "High-throughput organic synthesis of peptide mimetics", Current Opinion in Drug Discovery and Development, vol. 4, no. 4, pages 428-434 2001							
	AQ	HARDY et al. "The Amyloid Hypothesis of Alzheimer's Disease: Progress and Problems on the Road to Therapeutics", Science, vol. 297, pages 353-356 2002							
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	AS	JORDAN. "Chronic Traumatic Brain Injury Associated with Boxing", Seminars in Neurology, vol. 20, no. 2, pages 179-185 2000							
	AT	KIM et al. "A Merger of Rational Drug Design and Combinatorial Chemistry: Development and Application of Peptide Secondary Structure Mimetics", Combinatorial Chemistry & High Throughput Screening, vol. 3, pages 167-183 2000							
	AU	LEVINE. "Thioflavine T interaction with synthetic Alzheimer's disease beta-amyloid peptides: Detection of amyloid aggregation in solution", Protein Science, vol. 2, pages 404-410 1993						<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner							Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									



SHEET 2 OF 2

Form PTO 1449 (Modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT		ATTY DOCKET NO.	SERIAL NO.
		279681US0PCT	10/554,372
		APPLICANT	
		Luca BARBERO, et al.	
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>		FILING DATE	GROUP
	AV	LEVY et al. "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type", Science, vol. 248, pages 1124-1126 1990	
	AW	LUO et al. "Novel biomaterials for drug delivery", Expert Opin. Ther. Patents, vol. 11, no. 9, pages 1395-1410 2001	
	AX	LOWE et al. "Structure -Function Relationships for Inhibitors of beta-Amyloid Toxicity Containing the Recognition Sequence KLVFF", Biochemistry, vol. 40, pages 7882-7889 2001	
	AY	MANN. "Alzheimer's disease and Down's syndrome", Histopathology, vol. 13, pages 125-137 1988	
	AZ	MAURY. "Molecular Pathogenesis of beta-Amyloidosis in Alzheimer's Disease and Other Cerebral Amyloidoses", Laboratory Investigation", vol. 72, no. 1, pages 4-16 1995	
	AAA	ROUSSELLE et al. "New Advances in the Transport of Doxorubicin through the Blood-Brain Barrier by a Peptide Vector-Mediated Strategy", Molecular Pharmacology, vol. 57, pages 679-686 2000	
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	AAC	SOTO et al. "The alpha-Helical to beta-Strand Transition in the Amino-terminal Fragment of the Amyloid beta-Peptide Modulates Amyloid Formation", The Journal of Biological Chemistry, vol. 270, no. 7, pages 3063-3067 1995	
	AAD	SOTO et al. "Beta-sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: Implications for Alzheimer's therapy", Nature Medicine, vol. 4, no. 7, pages 822-826 1998	
	AAE	SOTO. "Alzheimer's and prion disease as disorders of protein conformation: implications for the design of novel therapeutic approaches", J. Mol. Med., vol. 77, pages 412-418 1999	
	AAF	TALAGA. "Beta-Amyloid Aggregation Inhibitors for the Treatment of Alzheimer's Disease: Dream or Reality?", Mini Reviews in Medicinal Chemistry, vol. 1, pages 175-186 2001	
	AAG	VILLAIN et al. "Covalent capture: a new tool for the purification of synthetic and recombinant polypeptides", Chemistry and Biology, vol. 8, pages 673-679 2001	
	AAH	XIA. "Amyloid inhibitors and Alzheimer's disease", Current Opinion in Investigational Drugs, vol. 4, no. 1, pages 55-59 2003	
	AAI	YANKNER. "Mechanisms of Neuronal Degeneration in Alzheimer's Disease", Neuron, vol. 16, page 921-932 1996	
	AAJ		
	AAK		
	AAL		
Examiner			Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PCT Application Serial No: 10/554,372

Filed: October 25, 2005

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#### STATEMENT OF RELEVANCY

- 1) References AA, AC-AG have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References [redacted] have been cited in the corresponding [redacted] Search Report. A copy of these references is being submitted herewith.
- 3) References AB, AH-AAI are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References [redacted] are additional prior art known to Applicant. A copy of these references is being submitted herewith.